

38th Street and Indian School Road Site
Registry Report
Phoenix, Maricopa County, Arizona
May 8, 1998

Site Description

This site is one of several dry cleaners in the former East Central Phoenix (ECP) Water Quality Assurance Revolving Fund (WQARF) study project, that were discovered to be contaminated by soil gas sampling in October of 1989. The site is located in the 3700 block of east Indian School road. Attached to this report is a site boundary map and a file index of source documents.

Groundwater has been reported from 27 ft. To 35 ft. below the surface of the ground (bgs), and flows southwesterly. Bedrock is about 110 ft. bgs.

Site History

A soil vapor extraction (SVE) system was placed in operation by the Arizona Department of Environmental Quality (ADEQ) on June 29, 1995, and on August 17, 1995 the operation was shut down. During this period the VOCs in the soil gas extracted declined. The system was restarted for sampling on August 31, 1995 but the VOCs in the soil gas did not rebound significantly.

ADEQ installed four monitor wells at this site. Recent sample data on these wells is given below. Historical groundwater contamination was reported by Dames & Moore (D&M) in their January 30, 1998 report as 34,000 ug/l of PCE in monitor well CMW1.

The monitor wells were sampled in March 1996 and May 1997 with the following results:

		PCE ug/l	
	<u>Position</u>	<u>March 1996</u>	<u>May 1997</u>
CMW2	up gradient 50'	ND	ND
CMW1	down gradient 40'	2700	310
CMW3	down gradient 500'	ND	ND
CMW4	down gradient 1,100'		
	Upper zone	13	5.8 to 6.8
	Lower zone	ND	ND

On May 3, 1997 a program of hydro-punch sampling was initiated in the ECP area. Two hydro-punch samples were taken down-gradient of the 38th Street and Indian School Rd. Plume about 300 ft. These sample results confirm the trend of the monitor well results.

Public Health

No drinking water wells are threatened, the nearest City of Phoenix well (COP #5) is 1½ miles

west, and one mile north of the ECP study area (approximately 4 miles from the 38th Street and Indian School Rd. plume).

This site has an E&E score of 20.

Limitations

This Site Registry Report (SRR) is based upon information available as of the date shown. The SRR is intended as a historical document meeting the public notification requirements of ARS § 49-287.01 (B) and (D). Site boundaries depicted on the attached Site Boundary Maps represent ADEQ's interpretation of data available at the time the maps were constructed. The maps are intended to provide the public with basic information as to the estimated geographic extent of known contamination as of the date of the SRR. The actual extent of contamination may be different. Therefore the geographic boundaries for this site may change in the future as new information becomes available.

An updated SRR and associated Site Boundary Map will not be issued. As new information becomes available it will be made available for public review through placement in the public file.